

**DECLARATION AND POWER OF ATTORNEY FOR  
UTILITY OR DESIGN PATENT APPLICATION**  
(37 CFR 1.63)

- ☐ Declaration Submitted with Initial Filing.  
☒ Declaration Submitted after Initial Filing  
(surcharge (37 CFR 1.16(e)) required).

Attorney Docket No.: 137722-US  
First Named Inventor: Gerard Damm  
**COMPLETE IF KNOWN**  
Application Number: 10/648,791  
Filing Date: August 27, 2003  
Group Art Unit:  
Examiner Name:

JAN 06 2004

U.S. TRADEMARK OFFICE

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**DATA STRUCTURE FOR RANGE-SPECIFIED ALGORITHMS**

the specification of which

- ☐ is attached hereto.  
☒ was filed on August 27, 2003 as United States Application Serial No. 10/648,791 or PCT International Application No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Country	Application Number	Date Filed	Priority Claimed Under 35 U.S.C. §119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Provisional Application

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application Serial Number	Filing Date

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial Number	Filing Date	Status - Patented/Pending/Abandoned

**POWER OF ATTORNEY**

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John Granchelli  
Greg Benoit

Registration No. 39,512  
Registration No. 48,067

Address all correspondence to: John Granchelli  
Alcatel Canada Inc.  
600 March Road  
Ottawa, ON K2K 2E6  
CANADA

Direct telephone calls to: John Granchelli Phone (613) 784-6523 Fax (613) 784-8923

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: **Gerard Damm**

Sole or first inventor's signature:  Date: 11 Dec 2003  
Residence: City Ottawa State Ontario, Canada Citizenship: France  
Mailing Address: 465 Richmond Road, Apt. 2101, Ottawa, Ontario, K2A 1Z1, Canada


Full name of second inventor, if any: **Bashar Bou-Diab**

Second inventor's signature:  Date: 15 Dec 2003  
Residence: City Ottawa State Ontario, Canada Citizenship: Canada  
Mailing Address: 87 Fifth Avenue, Ottawa, Ontario, K1S 2M3, Canada


Full name of third inventor, if any: **Yuke Wang**

Third inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: City Plano State Texas, USA Citizenship: Canada  
Mailing Address: 3500 East Park Blvd, Apt. 401, Plano, Texas, 75074, USA

Full name of fourth inventor, if any: **Yun Zhang**

Fourth inventor's signature:  Date: Dec. 8, 2003  
Residence: City Richardson State Texas, USA Citizenship: China  
Mailing Address: 800 W. Renner Road, Apt. 1816, Richardson, Texas, 75080, USA

Full name of fifth inventor, if any: **Yiyan Tang**

Fifth inventor's signature:  Date: Dec. 8, 2003  
Residence: City Richardson State Texas, USA Citizenship: China  
Mailing Address: 2200 Waterview Pkwy, Apt. 1937, Richardson, Texas, 75080, USA

Full name of sixth inventor, if any: **Anand Krishnamurthy**

Sixth inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: City Richardson State Texas, USA Citizenship: India  
Mailing Address: 2600 Waterview Pkwy, Apt. 721, Richardson, Texas, 75080, USA

Full name of seventh inventor, if any: **Lie Qian**

Seventh inventor's signature: \_\_\_\_\_



Date: \_\_\_\_\_

**Dec. 8, 2003**

Residence: City **Richards n**

State **Texas, USA**

Citizenship: **China**

Mailing Address: **2700 Waterview Pkwy, Apt. 4523, Richardson, Texas, 75080, USA**



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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John Granchelli

Registration No. 39,512

Greg Benoit

Registration No. 48,067

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Full name of sole or first inventor: **Gerard Damm**

Sole or first inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: City Ottawa State Ontario, Canada Citizenship: France

Mailing Address: 465 Richmond Road, Apt. 2101, Ottawa, Ontario, K2A 1Z1, Canada

Full name of second inventor, if any: **Bashar Bou-Diab**

Second inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: City Ottawa State Ontario, Canada Citizenship: Canada

Mailing Address: 87 Fifth Avenue, Ottawa, Ontario, K1S 2M3, Canada

Full name of third inventor, if any: **Yuke Wang**

Third inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: City Plano State Texas, USA Citizenship: Canada

Mailing Address: 3500 East Park Blvd, Apt. 401, Plano, Texas, 75074, USA

Full name of fourth inventor, if any: **Yun Zhang**

Fourth inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: City Richardson State Texas, USA Citizenship: China

Mailing Address: 800 W. Renner Road, Apt. 1816, Richardson, Texas, 75080, USA

Full name of fifth inventor, if any: **Yiyan Tang**

Fifth inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: City Richardson State Texas, USA Citizenship: China

Mailing Address: 2200 Waterview Pkwy, Apt. 1937, Richardson, Texas, 75080, USA

Full name of sixth inventor, if any: **Anand Krishnamurthy**

Sixth inventor's signature: Anand K Date: December 15, 2003

Residence: City Richardson State Texas, USA Citizenship: India

Mailing Address: 2600 Waterview Pkwy, Apt. 721, Richardson, Texas, 75080, USA

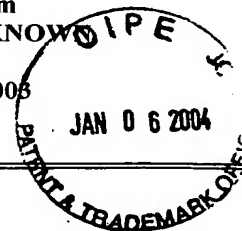
Full name of seventh inventor, if any: **Lie Qian**

Seventh inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: City **Richardson** State **Texas, USA** Citizenship: **China**

Mailing Address: **2700 Waterview Pkwy, Apt. 4523, Richardson, Texas, 75080, USA**

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION</b> (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing. <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required).	Attorney Docket No.: 137722-US First Named Inventor: Gerard Damm COMPLETE IF KNOWN Application Number: 10/648,791 Filing Date: August 27, 2003 Group Art Unit: Examiner Name:
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Greg Benoit Registration No. 48,067

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600 March Road  
Ottawa, ON K2K 2E6  
CANADA

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Full name of third inventor, if any: **Yuke Wang**

Third inventor's signature: \_\_\_\_\_ Date: Dec. 8th 2003  
Residence: City Plano State Texas, USA Citizenship: Canada  
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Fourth inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: City Richardson State Texas, USA Citizenship: China  
Mailing Address: 800 W. Renner Road, Apt. 1816, Richardson, Texas, 75080, USA

Full name of fifth inventor, if any: **Yiyan Tang**

Fifth inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: City Richardson State Texas, USA Citizenship: China  
Mailing Address: 2200 Waterview Pkwy, Apt. 1937, Richardson, Texas, 75080, USA

Full name of sixth inventor, if any: **Anand Krishnamurthy**

Sixth inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: City Richardson State Texas, USA Citizenship: India  
Mailing Address: 2600 Waterview Pkwy, Apt. 721, Richardson, Texas, 75080, USA



Full name of seventh inventor, if any: **Lie Qian**

Seventh inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: City **Richardson** State **Texas, USA** Citizenship: **China**

Mailing Address: **2700 Waterview Pkwy, Apt. 4523, Richardson, Texas, 75080, USA**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re. Application of: Gerard Damm et al  
Serial No.: 10/648,791  
Filed: August 27, 2003  
Title: DATA STRUCTURE FOR RANGE-SPECIFIED ALGORITHMS

Atty. Docket No.: 137722-US

The Commissioner of Patents and Trademarks  
Washington, D.C. 20231  
U.S.A.

**ASSOCIATE POWER OF ATTORNEY**

Dear Sir:

The undersigned, John Granchelli (Reg. No. 39,512), is an agent of record for the captioned U.S. Patent Application under a Power of Attorney filed with the U.S. Patent Office contemporaneously herewith.

Pursuant to 37 CFR Section 1.34(b), the undersigned hereby appoints the following registered practitioner as associate agent of record:

Jim Zegeer, Esq.  
Registration No. 18,957

to prosecute said application and to transact all business in the U.S. Patent and Trademark Office connected therewith. The appointment of the above practitioners does not affect, and is not intended to affect, the status of any other practitioner who has been appointed previously as agent of record for this matter.

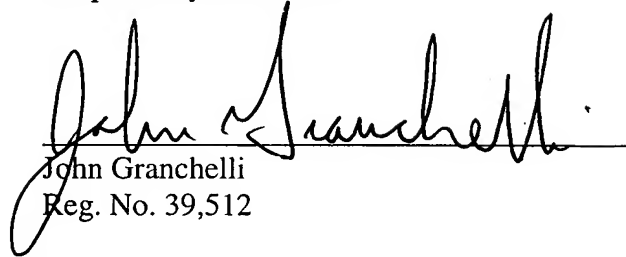
Please direct any and all correspondence and telephone calls to:

Jim Zegeer, Esq.  
Law Office of Jim Zegeer  
801 North Pitt Street, #108  
Alexandria, VA 22314  
Telephone: 703-684-8333  
Facsimile: 703-549-8411

Date

DEC 17/03

Respectfully submitted,

  
John Granchelli  
Reg. No. 39,512

Alcatel Canada Inc.  
600 March Road  
Ottawa, ON K2K 2E6  
CANADA  
Telephone: 613-784-6523  
Facsimile: 613-784-8923